|                   | Index of Claims |          |                       |              |           |          |                 |          |                 |                             |            |          |              |              | 10/808562<br>examiner |              |                |           |           |             |                |   |          | Applicant(s)  Art Unit |           |         |                 |           |          |              |          |          |     |
|-------------------|-----------------|----------|-----------------------|--------------|-----------|----------|-----------------|----------|-----------------|-----------------------------|------------|----------|--------------|--------------|-----------------------|--------------|----------------|-----------|-----------|-------------|----------------|---|----------|------------------------|-----------|---------|-----------------|-----------|----------|--------------|----------|----------|-----|
|                   | 1               | F        | Rejected Allowed Date |              |           |          |                 | [        | -               | (Through numer<br>Cancelled |            |          |              |              | eral                  | al)          |                | N         | , ,       | vio         | n-Elected      |   | ]        | A                      | Appeal    |         |                 | •         |          |              |          |          |     |
|                   | =               | •        |                       |              |           |          |                 | 1        |                 |                             | Restricted |          |              |              |                       |              |                | 1         | ļ         | nterference |                |   | 0        | Objected               |           |         |                 |           |          |              |          |          |     |
| Claim             |                 | _        |                       |              |           |          |                 |          |                 |                             | Claim      |          |              |              |                       |              |                | ale       |           |             | 7              | C | laim     | Г                      | Date      |         |                 |           |          | ٦            |          |          |     |
| Final<br>Origina! | 8/12/03         |          |                       |              |           |          |                 |          |                 |                             | Final      | Orlainal | ,            |              |                       |              |                | T         |           |             |                |   | Final    | Original               |           |         |                 |           | Ĭ        |              |          |          |     |
|                   |                 | _        | -                     | H            | +-        | ╀        | +               | +        | +               | ł                           | <u></u>    | 51       |              | +            | 4-                    | $\downarrow$ | ╀              | 1         | 1         | Ļ           | $\bot$         | 1 |          | I                      |           | _       | ┸               | 1         | Ц        | ╛            | $\perp$  |          |     |
|                   |                 |          |                       | L            |           | 上        | $\pm$           | 1        | 1               |                             | -          | 52       | +            | +            | ╁                     | ╁            | +              | ╁         | +-        | ┝           | ╁              | 1 |          | 101                    |           |         | ╀               | ┼         |          | -            | +        | 4        |     |
|                   |                 | _        | _                     | ļ_           | 1         | 1        | 1               | $\perp$  | L               |                             |            | 53       | $\perp$      | I            | I                     | I            |                | I         |           |             |                | 1 |          | 103                    |           |         | İ               |           |          | $\dashv$     | +        | 1        |     |
| 14/               | ╀╌┨             | _        | -                     | ╁╌           | ÷         | ╁╴       | ╁               | +        | ╁┈              |                             | -          | 54<br>55 |              | ╀            | +-                    | +            | ╀              | -         | +         | -           | +-             | - | <u> </u> | 104<br>105             |           | 4       | 1               |           | П        |              |          | 1        |     |
| - 5               |                 |          |                       |              |           |          |                 |          |                 |                             |            | 56       | $\top$       | $\perp$      | $\perp$               | T            | 1              |           |           |             | $\vdash$       | 1 | _        | 105                    | $\dashv$  |         | ╁               | -         | $\vdash$ | $\dashv$     | ╁        | 1        |     |
| 1 1               | H               | _        | $\vdash$              | -            | ╁         | ╁        | ╀               | ╀        | <del> </del>    |                             |            | 57<br>58 |              | +            | ╀                     | +            | +              | -         | L         | L           | $\downarrow =$ |   |          | 107                    |           | $\bot$  |                 |           |          |              |          | ]        |     |
| (1)               |                 | _        |                       |              |           |          | †               | 1        | +-              |                             | -          | 59       |              | +            | ╁                     | ╁            | ╁              | +         | $\vdash$  | -           | ╁              | 1 |          | 108<br>109             | $\dashv$  | +       | ╁               | $\vdash$  | -        | +            | +-       | _        |     |
| (1)               |                 |          |                       |              | _         | Į.,      | Ţ               | Ţ.,      |                 |                             |            | 60       |              | <u> </u>     | 1                     | T            |                |           |           |             |                |   |          | 110                    |           | $\perp$ | $\pm$           |           |          | $\dashv$     | +-       | 1        |     |
| 12                | -               | _        | Н                     | ┝            | ╁         | ╁╴       | ╁               | +-       | ╀               |                             |            | 61<br>62 |              | ╀            | ╀                     | ╀            | ╀              | ╀         | -         | _           | ┼-             |   |          | 111<br>112             | $\dashv$  | 4       | $\bot$          |           | Ц        | $\Box$       | $\bot$   | ]        |     |
| (13)              |                 | _        |                       |              |           |          | Ė               |          |                 |                             |            | 63       | Τ            | 上            | 上                     |              |                |           |           | -           | 1              |   |          | 113                    | +         | +       | ╀               | Н         | $\dashv$ | +            | - -      | -        |     |
| (15)              |                 |          | $\dashv$              | _            | ╀         | ┞        | +-              | ╀        | $\vdash$        |                             | <u> </u>   | 64       |              | ╀            | L                     | 1            | Ι_             | L         | L         |             |                |   |          | 114                    |           | 工       | I               |           |          | 士            |          | <u> </u> |     |
| 16                |                 | _        |                       |              |           | -        | +               | ╁        | Н               |                             | -          | 65<br>66 |              | ┼-           | ╁                     | ╁            | ╁              | -         | -         |             | ╂╌             |   |          | 115<br>116             | $\dashv$  | +       | -               | Н         | 4        | -            |          | }        |     |
| 17                | 1               | _        |                       |              |           |          |                 |          |                 |                             |            | 67       |              | I            |                       |              |                |           |           |             |                |   |          | 117                    | $\exists$ |         | +-              | Н         | $\dashv$ | +            | +        | 1        |     |
| 18<br>19          | -               | -        | $\dashv$              | -            | -         | ├        | ╀               | ├        | ╀┤              |                             | -          | 68<br>69 |              | ╀            | +-                    | ├            | -              | L         | Н         |             | $\vdash$       |   |          | 118                    | $\dashv$  | Ţ       |                 |           | $\Box$   | $\Box$       |          | ]        |     |
| 20                |                 |          |                       |              |           |          | T               |          |                 |                             |            | 70       | t            | H            | ╁                     | -            | <del>  -</del> | $\vdash$  | Н         |             | H              |   |          | 119<br>120             | -+        | +-      | -               | Н         | +        | +            | +-       | -        |     |
| 21<br>22          | +               | -        | 4                     |              | Н         | L        | -               | L        | П               |                             |            | 71       | $\sqsubset$  |              | L                     |              |                |           |           |             | 口              |   |          | 121                    | 寸         | 上       |                 |           |          | 土            |          | j        |     |
| 23                |                 | -        | ᅥ                     |              | Н         | ┝        | +               | ╌        | Н               |                             | -          | 72<br>73 | ╀╌           | ╀╌           | ╀                     | -            | ├              | -         | $\vdash$  |             | $\vdash$       |   |          | 122<br>123             | _         | -       | ├-              | -         | -        | 4            | 1        |          |     |
| 24                | $\Box$          |          | $\exists$             |              |           |          |                 |          | $\square$       | i                           |            | 74       |              | Ŀ            |                       |              |                |           |           | _           |                | t |          | 124                    | +         | +       | +               | H         | +        | +            | +        | ł        |     |
| 25<br>26          | +               | $\dashv$ | -                     |              | Н         | _        | ├               | -        | H               |                             | -          | 75<br>76 | -            | ┞            | -                     | L            |                |           |           | _           | П              |   |          | 125                    | $\Box$    |         |                 | 口         | $\Box$   |              | I        | ĺ        |     |
| 27                | $\exists$       |          |                       |              |           |          |                 |          |                 |                             |            | 77       |              | T            |                       |              | -              |           | $\vdash$  | _           | Н              | ł | $\dashv$ | 126<br>127             | +         | ╁       | $\vdash$        | $\dashv$  | +        | -            | +-       | -        |     |
| 28<br>29          | +               | 4        | 4                     | -            | Н         | _        | -               | <u> </u> | $\vdash$        |                             |            | 78<br>79 | Ļ            |              |                       |              |                |           | $\Box$    |             |                |   |          | 128                    |           |         |                 |           |          |              |          |          |     |
| 30                | 士               | 7        | _                     |              | $\dashv$  |          |                 | -        | Н               | ł                           | -          | 80       | ╁╴           | $\vdash$     | ╁╌                    | -            | Н              | Н         | $\dashv$  | -           | Н              | } |          | 129<br>130             | +         | +       | -               | $\vdash$  |          | +            | -        |          |     |
| 31                | 丰               | 4        | $\dashv$              |              |           | _        |                 |          | 口               |                             |            | 81       |              |              |                       |              |                |           |           |             | d              |   |          | 131                    | 士         |         |                 |           | 士        | $\pm$        | 1        |          |     |
| 33                | +               | -{       | $\dashv$              | -            | $\vdash$  | _        | Н               | -        | Н               |                             |            | 82<br>83 | <del> </del> | <del> </del> |                       | -            | $\vdash$       | $\vdash$  | $\dashv$  | -           | H              | 1 |          | 132<br>133             | -         | +       | $\vdash$        | П         | $\bot$   | $\bot$       | <u> </u> |          |     |
| 34                | $\exists$       | コ        |                       | $\exists$    |           |          |                 |          |                 | Ì                           |            | 84       |              |              |                       |              |                |           |           |             |                | ł |          | 134                    | +         | +       | Н               | $\vdash$  | +        | +-           | +        |          |     |
| 35                | +               | 4        | $\dashv$              | -            | $\dashv$  | _        | $\vdash \vdash$ | Щ        | $\vdash \vdash$ | - {                         | ]          | 85       | Į,           |              | $\Box$                |              | Ц              | $\Box$    | $\exists$ | $\Box$      | П              | ļ |          | 135                    | 1         | 工       |                 | $\Box$    | 1        | 1            | $\perp$  |          |     |
| 37                | $\exists$       | +        | $\pm$                 | $\dashv$     | _         | _        | $\vdash$        | $\dashv$ | $\dashv$        | ł                           |            | 86<br>87 |              | H            | $\vdash$              | -            | Н              | -         | $\dashv$  | 4           | Н              | } |          | 136<br>137             | 4         | +       | $\vdash$        | -         | +        | +            | 4-7      |          |     |
| 38                | $\Box$          | $\Box$   | $\Box$                | $\Box$       |           |          |                 |          |                 | Ì                           |            | 88       |              |              |                       |              |                |           | $\exists$ |             |                | t |          | 138                    | - -       | +       | Н               | $\dashv$  | 1        | +            |          |          |     |
| 39<br>40          | +               | $\dashv$ | +                     | $\dashv$     | $\dashv$  |          | Н               | ᅱ        | $\dashv$        | ŀ                           | -          | 89<br>90 | -            |              | Щ                     | _            |                | 4         | 4         | _           | Ц              | - |          | 139                    |           | T       |                 | $\Box$    | $\perp$  | I            |          |          |     |
| 41                | 1               |          | 士                     | _            |           |          |                 |          |                 | ł                           |            | 91       | Н            | Н            | H                     |              | $\dashv$       | $\dashv$  | $\dashv$  | -           | H              | - |          | 140<br>141             | +         | +-      | Н               | $\dashv$  | +        | +            | +        |          |     |
| 42                | 1               | 4        | 4                     | $\exists$    | $\dashv$  | $\Box$   |                 | $\Box$   | $\Box$          |                             | $\Box$     | 92       |              |              |                       | $\Box$       | $\Box$         | $\exists$ | コ         | コ           |                |   |          | 142                    | 土         |         |                 | 士         |          | 土            | 廿        |          |     |
| 44                | +               | +        | +                     | +            | $\dashv$  | $\dashv$ | $\vdash$        | $\dashv$ | $\dashv$        | +                           | -+         | 93<br>94 | Н            | $\dashv$     | $\dashv$              | $\dashv$     | $\dashv$       | $\dashv$  | +         | -           | Н              | - |          | 143                    | -         | +-      | $\vdash \vdash$ | 4         | +        | +            | 4}       |          |     |
| 45                | $\top$          | 1        | $\perp$               | $\downarrow$ | $\exists$ |          |                 |          | $\exists$       | İ                           |            | 95       |              |              |                       |              | 寸              | _         | 士         | 7           |                | ŀ |          | 145                    |           | +       | Н               | +         | +        | +            | ┼┤       | ,<br>I   | ı   |
| 46                | +               | +        | +                     | +            | +         | -        | $\dashv$        |          | _               | -                           |            | 96       |              |              | $\Box$                | $\dashv$     | 7              | $\neg$    | $\bot$    | 7           | $\Box$         | ļ |          | 146                    | 1         |         |                 | $\exists$ | 1        | $\bot$       | 口        |          |     |
| 48                | _               | +        | +                     | +            | +         | ᅱ        | -               | ┥        | $\dashv$        | ŀ                           | $\dashv$   | 97<br>98 | Н            | $\dashv$     | ᅱ                     | $\dashv$     | $\dashv$       | $\dashv$  | +         | $\dashv$    | -              | - |          | 147<br>148             | +         | +       | $\vdash$        | $\dashv$  | +        | +            | 4-4      |          | 1   |
| 49                | 7               | Ţ        | 1                     | 1            | $\Box$    | $\Box$   | $\Box$          | コ        | $\Box$          |                             |            | 99       |              |              |                       |              |                | 士         | 士         |             |                |   |          | 149                    | 1         | T       |                 | $\dashv$  | $\pm$    | <del> </del> | +        |          | 1   |
| 50                |                 |          | L                     | 1            |           | _        |                 |          |                 | L                           |            | 100      | $\perp$      | $\perp$      |                       |              |                | _[        |           | $\perp$     |                |   |          | 150                    | $\perp$   |         |                 | 1         |          | $\perp$      |          |          |     |
| at and Traden     |                 | _        | ·                     | _            |           |          |                 |          |                 |                             |            |          |              |              |                       |              |                |           |           |             |                |   |          |                        |           |         |                 |           |          |              |          |          | - 1 |